

Connector - SACC-M12FS-12SOL-PG 9-M - 1404420

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Connector, Universal, 12-position, Socket straight M12, A-coded, Solder connection, Knurl material: Zinc die-cast, nickel-plated, Cable gland Pg9, External cable diameter 6 mm ... 8 mm

Why buy this product

- ✓ Safe use in the field, thanks to a high degree of protection
- ✓ Flexible: connectors for on-site assembly
- ✓ Save space – with high-pos. connectors

RoHS

Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 694520
GTIN	4046356694520
Weight per Piece (excluding packing)	20.000 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

External cable diameter	6 mm ... 8 mm
Stripping length of the sheath	20 mm
Stripping length of the individual wire	4 mm

Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C (Plug / socket)
Degree of protection	IP67

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Technical data

General

Rated current at 40°C	1 A
Rated voltage	30 V
Number of positions	12
Insulation resistance	> 10 GΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
Signal type/category	Universal
Status display	No
Overvoltage category	II
Degree of pollution	3
Connection method	Solder connection
Conductor cross section	0.08 mm² ... 0.25 mm²
Conductor cross section AWG	28 ... 24
Insertion/withdrawal cycles	≥ 100
Torque	0.4 Nm (M12 knurl)
	0.8 Nm ... 1 Nm (Pressure nut with coupling sleeve)
Tightening torque	Screw plug insert with sleeve housing as far it will go

Material

Flammability rating according to UL 94	HB
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA
Material of grip body	PA
Material, knurls	Zinc die-cast, nickel-plated

Cable

Standards/specifications	M12 connector IEC 61076-2-101
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Standards and Regulations

Standard designation	M12 connector
Standards/regulations	IEC 61076-2-101
Flammability rating according to UL 94	HB

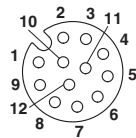
Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

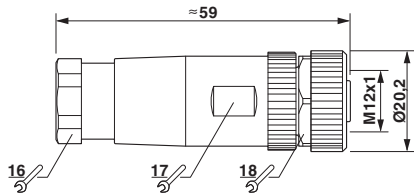
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Schematic diagram



Pin assignment M12 socket, 12-pos., A-coded, view female side

Dimensional drawing



M12 x 1 socket, straight

Approvals

Approvals

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EAC / EAC / UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approval details

EAC 7500651.22.01.00246

EAC EAC-Zulassung

UL Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 221474	
Nominal current IN	1 A
Nominal voltage UN	30 V

cUL Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 221474	
Nominal current IN	1 A
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